

## EAST Search History

S20	511	S19 and ((screw or fastener or lock) same collar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:25
S21	15	("3422714").URPN.	USPAT	OR	ON	2006/02/21 16:35
S22	1	("3071175").URPN.	USPAT	OR	ON	2006/02/21 16:38
S23	1	("2236366").URPN.	USPAT	OR	ON	2006/02/21 16:43
S24	1	("RE19059").URPN.	USPAT	OR	ON	2006/02/21 16:44
S25	1	("1856433").URPN.	USPAT	OR	ON	2006/02/21 16:45
S26	1	("1845725").URPN.	USPAT	OR	ON	2006/02/21 16:45
S27	29	("0984024"   "1525590"   "1673336"   "1754969"   "3055249"   "3173325"   "3173326").PN. OR ("3730043").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 21:50
S28	78985	collar with (thread or threaded or threading or threadedly or threadingly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 22:20
S29	15754	S28 with (outer or outward or outwardly or outside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 22:21
S30	4898	S29 same sleeve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 22:21
S31	72	S30 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 22:22

## EAST Search History

S32	22	(("3320991") or ("3322175") or ("3847164") or ("4131117") or ("4182349") or ("4341228") or ("4308877") or ("4421126") or ("4449540") or ("4566470") or ("4706692") or ("4941484") or ("4962774") or ("4987906") or ("5056537") or ("5143097") or ("5322076") or ("5325877") or ("5377698") or ("5445169") or ("5501237") or ("5533530")).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 15:01
S33	1672730	thread\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 15:02
S34	1	("4341228").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/06 20:08
S35	507	(thread or threaded) and (83/425.3, 425.4,508.3,664,665,666).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 21:14
S36	6	("3172326").URPN.	USPAT	OR	ON	2007/12/06 21:46
S37	13	("2613571").URPN.	USPAT	OR	ON	2007/12/06 21:49
S38	27	("0358550"   "0774155"   "0822591"   "0857862"   "1453470"   "1939246"   "2551049"   "2613571").PN. OR ("3899955").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 21:51
S39	12	("1939246").URPN.	USPAT	OR	ON	2007/12/06 21:53